

ABSTRACT

PT. XYZ is a company that engaged in the field of telecommunication constructs that builds fiber-optic networks. PT XYZ runs a project in Citra Padalarang. In the implementation of the project, project FTTH Citra Padalarang experiencing a problem that the project did not achieve the project planning targets. it happened because the lack of project control during the project. It can be seen from the difference between the S curve planning and the actual progress S curve of the FTTH Citra Padalarang project. The actual progress S curve of Citra Padalarang project until 29 April 2018 is still below target. Due to the lack of achievement of project planning targets, the calculation of project performance is performed by analyzing actual project performance. The analytical method used is through the approach of Earn Value Management (EVM). Earned value analysis, variance analysis, performance index analysis and forecasting will be earned through EVM. From the EVM calculation results, it is known that the project is performing poorly. The project runs slower than the schedule ($SPI < 1$) at a cost greater than the planned budget ($CPI < 1$). There is a variance analysis that shows the negative CV and SV results. Forecasting performed also shows the results of $TCPI > 1$ which shows the difficulty of the project

Keywords: Fiber to the Home (FTTH), Project Control, Earn Value Management (EVM)